

ABSTRACT

A multidirectional input device includes ring-shaped resistance element layer 18, first conductive layer 22 and second conductive layer 23 shaping in arcs corresponding to resistance element layer 18, and knob 14 having ring-shaped protruded section 14D. Resistance element layer 18 has at least a pair of electrodes and is formed on flexible insulating substrate 16. Protruded section 14D brings resistance element layer 18 into contact with first conductive layer 22 or second conductive layer 23 when the knob is tilted. When a given voltage is applied to the electrodes and the knob is tilted, resistance element layer 18 comes in contact with first conductive layer 22 or second conductive layer 23, so that an output signal of a high resolution concerning a tilt angle can be obtained. The output signal is supplied to a microprocessor and calculated, then an angle or a direction is detected and recognized.

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